BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

108	

Providing and laying flooring for corridors/lobbies using combination of pre polished 19 mm thick water cut/gang saw Grey Granite, Black Granite, and strips of 50mm wide pre flamed grey granite using pre polished grey granite 19mm thick 76%, Pre polished black granite 19mm thick @ 2% and preflamed 19mm thick grey granite @22% over existing cement concrete bed in CM 1:4 average 20mm thick pointed with white cement/colour pigment etc., including cost of all materials, mortar, labour, curing etc., complete as per specification. - _do_ using 19mm thick granite width not less than 1200mm Second Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Staircase Lobby	1.00	6.600			2.500		16.50	
Electrical Duct	1.00	2.500			0.900		2.25	
Front Lobby	1.00	6.600			3.700		24.42	
						Total Qty Work Done	**43.17**	**Sqm**
						Qty Payable in this bill	**43.17**	**Sqm**

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

e of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

	109								
	Providing and laying flooring for corridors/lobbies using combination of pre polished 19 mm thick water cut/gang saw Grey Granite, Black Granite, and strips of 50mm wide pre flamed grey granite using pre polished grey granite 19mm thick 76%, Pre polished black granite 19mm thick @ 2% and preflamed 19mm thick grey granite @22% over existing cement concrete bed in CM 1:4 average 20mm thick pointed with white cement/colour pigment etc., including cost of all materials, mortar, labour, curing etc., complete as per specification. - _do_ using 19mm thick granite width not less than 1200mm Third Floor								
	CHAINAGE / **Land Mark**	**NO**	**L** (m)	**B** (m)	**B1** (m)	**Avg B** (m)	**D** (m)	**QTY**	**REMARKS**
	Staircase Lobby	1.00	6.600			2.500		16.50	
	Electrical Duct	1.00	2.500			0.900		2.25	
	Front Lobby	1.00	6.600			3.700		24.42	
							Total Qty Work Done	43.17	Sqm
							Qty Limited Payable in this bill	43.17	Sqm

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Work: Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

110

Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 600 x 600 x 10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains, including cost of all materials, mortar, labour, etc., Complete as per specification.Second Floor

CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Left office area	1.00	14.400			28.600		411.84	
Right office area	1.00	14.400			22.200		319.68	
Skirting								
Left office area	1.00	86.000				0.150	12.90	
Right office area	1.00	75.000				0.150	11.25	
Staircase Lobby wall cladding	1.00	35.000				1.500	52.50	
Deductions								
Toilet area	2.00	3.200			3.100		19.84	
Columns	14.00	0.600			0.300		2.52	
						Total Qty Work Done	785.81	Sqm
						Qty Reserved	49.31	
						Qty Limited Payable in this bill	736.50	Sqm

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

me of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

tem No:	111
tem me:	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 600 x 600 x 10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification.Third Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Left offfice area	1.00	14.400			28.600		411.84	
Right offfice area	1.00	14.400			22.200		319.68	
Skirting								
Left offfice area	1.00	86.000				0.150	12.90	
Right offfice area	1.00	75.000				0.150	11.25	
Staircase Lobby wall cladding	1.00	35.000				1.500	52.50	
Deductions								
Toilet area	2.00	3.200			3.100		-19.84	
Columns	14.00	0.600			0.300		-2.52	
						Total Qty Work Done	**785.81**	**Sqm**
						Qty Reserved	**49.31**	
						Qty Limited Payable in this bill	**736.50**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

me of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

em No: **112**

em me: Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size 30x30cms Second Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Office Toilet								
Wc	8.00	1.450			1.200		13.92	
General Toilet								
Wc	4.00	1.500			1.500		9.00	
Total Qty Work Done							22.92	Sqm
Qty Payable in this bill							22.92	Sqm

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)
6/5

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

ne of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

113

Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size 30x30cms Third Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Office Toilet								
Wc	8.00	1.450			1.200		13.92	
General Toilet								
Wc	4.00	1.500			1.500		9.00	
						Total Qty Work Done	22.92	Sqm
						Qty Payable in this bill	22.92	Sqm

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

e of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

114

Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.Second Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Office Toilet	4	19.20				2.10	161.28	
General Toilet	2	35.20				2.10	147.84	
Deductions								
Toilet doors								
D1	6	0.900				2.100	-11.34	
D2	12	0.750				2.100	-18.90	
Openings								
O1	2				1.000	2.100	-4.20	
O2	2				0.900	2.100	-3.78	
O3	4				0.750	2.100	-6.30	
V	10				1.050	0.600	-6.30	
						Total Qty Work Done	258.30	Sqm
						Qty Payable in this bill	258.30	Sqm

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

Item No.	115

Item Name: Providing skirting, dado, risers of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.Third Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Office Toilet	4	19.200				2.100	161.28	
General Toilet	2	35.200				2.100	147.84	
Deductions								
Toilet doors								
D1	6	0.900				2.100	-11.34	
D2	12	0.750				2.100	-18.90	
Openings								
O1	2.00				1.050	2.100	-4.41	
O2	2.00				0.900	2.100	-3.78	
O3	4.00				0.750	2.100	-6.30	
V	10.00				1.050	0.600	-6.30	
						Total Qty Work Done	258.30	Sq
						QtyPayable in this bill	258.30	Sq

Contractor Representative

Consultant Representative

B.R.

Assistant Engineer
RR Nagara Division (Project)

6/5

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

me of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

em No:	116
em me:	Providing and laying Cinder concrete in cement 1:15 (1 cement: 15 cinder of 12.5mm nominal gauge) on terraced roof or sunken slabs, laid to slope compacting, including cost of materials, labour, curing complete as per specifications.Second Floor

CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Second Floor								
	2.00	6.00			3.20	0.30	11.52	
	1.00	6.20			4.30	0.30	8.00	
						Total Qty Work Done	19.52	Cum
						Qty Payable in this bill	19.52	Cum

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Assistant Engineer
RR Nagara Division (Project)

6/5

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

Item No.	117								
	Providing and laying Cinder concrete in cement 1:15 (1 cement: 15 cinder of 12.5mm nominal gauge) on terraced roof or sunken slabs, laid to slope compacting, including cost of materials, labour, curing complete as per specifications. Third Floor								
	CHAINAGE / **Land Mark**	**NO**	**L (m)**	**B (m)**	**B1 (m)**	**Avg B (m)**	**D (m)**	**QTY**	**REMARKS**
	Third Floor								
		2.00	6.00			3.20	0.30	11.52	
		1.00	6.20			4.30	0.30	8.00	
							Total Qty Work Done	19.52	Cum
							Qty Payable in this bill	19.52	Cum

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS ENGINEERS Bangalore

Assistant Engineer
RR Nagara Division (Project)

6/5

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

	118									
	Providing INTEGRAL CRYSTALINE Waterproofing treatment to the sunken portion of toilets. Using Crystalline Slurry of approved make @ 1.40 kg per SQM in two coats (0.7 Kg per coat) confirming to ASTM S 1202 & DINV 18998 standards. Second Floor and Third Floor									
	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY		REMARKS
	Second Floor									
	Flooring	4	1.450				1.600	9.28		
	Beam side	8	1.450				0.300	3.48		
	Beam side	8	1.600				0.300	3.84		
	Beam side	8	1.450				0.300	3.48		
	Beam side	8.0	1.200				0.300	2.88		
	Flooring	4	1.20				1.450	6.96		
	Flooring-General Toilet	4	1.50				1.450	8.70		
	Flooring-General Toilet	4	1.50				1.450	8.70		
	Beam side	8	1.50				0.300	3.60		
	Beam side	8	1.45				0.300	3.48		
	Beam side	8	1.50				0.300	3.60		
		8	1.45				0.300	3.48		
	Third Floor									
	Flooring	4	1.450				1.600	9.28		
	Beam side	8	1.450				0.300	3.48		
	Beam side	8	1.600				0.300	3.84		
	Beam side	8	1.450				0.300	3.48		
	Beam side	8.0	1.200				0.300	2.88		
	Flooring	4	1.20				1.450	6.96		
	Flooring-General	4	1.50				1.450	8.70		
	Flooring-General	4	1.50				1.450	8.70		
	Beam side	8	1.50				0.300	3.60		
	Beam side	8	1.45				0.300	3.48		
	Beam side	8	1.50				0.300	3.60		

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Total Qty [illegible]

Qty Limited Payable [illegible]

Contractor Representative

Contractor Representative

Assistant Engineer
SR Nagpur Division (Project)

Asst. Executive Engineer
SR Nagpur Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

me of Work: Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet
Second and Part Bill

tem No:	**126**
tem ame:	Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures,labour charges and HOM of machinery complete as per First Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Floor							0.00	
Ventilators	18.00	1.80				0.60	19.44	
						Total Qty Work Done	**19.44**	**Sqr**
						Qty Payable in this bill	**19.44**	**Sqr**

CIVIL QUALITY CONSULTANTS & ENGINEERS

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

Item No: **127**

Item Name: KSRB 7.11 : Providing and fixing in position Aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick,weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mm x 18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws,raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar.do- using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality.Second Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Second Floor								
W1	33	2.00				1.50	99.00	
W2	1	1.50				1.50	2.25	
Ventilators	10	0.90				0.75	6.75	
						Total Qty Work Done	**108.00**	**Sqm**
						Qty Payable in this bill	**108.00**	**Sqm**

QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

Item No: **128**

Item Name: KSRB 7.11 : Providing and fixing in position Aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick,weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mm x 18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws,raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar.do- using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality.Third Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Third Floor								
W1	33	2.00				1.50	99.00	
W2	1	1.50				1.50	2.25	
Ventilators	10	0.90				0.75	6.75	
						Total Qty Work Done	**108.00**	**Sqm**
						Qty Payable in this bill	**108.00**	**Sqm**

Consultant Representative

Contractor Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BBMP BANGALORE MAHANAGARA PALIKE

Work: Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

Providing and fixing in position Aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 80x41 /5mm bottom section 1.5mm thick weight 1.456 kg/m, sides and top sections 1.5 mm. thick, weight 0.933 kg/m shutter frame section comprising top and bottom section of size 63mmx18mm, wall thickness 1.5mm, weight 0.615 kg/m shutter side outer 63mm x 18mm wall thickness 1.5mm, weight 0.615 kg/m, shutter interlock section 63mmx 20.7mm wall thickness 1.5 mm thick, weight 0.800 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles, lower bolts etc., providing and fixing 5.5mm thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, mitre mitred wherever necessary assembling the frame trimmed and riveted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, inside floor beams, cills as the case may be, with necessary steel screws, rawl plugs or teak wood gutters including cutting masonry or concrete and making good the original surface using cement mortar etc. using aluminium sections powdered coated to a minimum of 65 Ty thickness with exterior durable pure polyester grade powder of approved quality. Terrace Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Terrace Floor								
W 2	1.00	1.50					1.500	Sqm
						Total Qty Work Done	1.500	Sqm
						Qty Payable in this bill	1.500	Sqm

Contractor Representative

Contractor Representative

Assistant Engineer
RR Nagara Division (Project)

Asst Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

Item No:	130									
Item Name:	Providing and fixing M.S.grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifictions. Specification No. KBS 7.12 (Considered 18 Kg/sqm) All Floors									
	CHAINAGE Land Mark	**NO**	**L (m)**	**B (m)**	**B1 (m)**	**Avg B (m)**	**D (m)**	**QTY**	**REMARKS**
	All Floors - Considering 18 kg/sqm								
	Second Floor	1.00	108.00				18.00	1944.00	
	Third Floor	1.00	108.00						
							Total Qty Work Done		**Sqm**
							Qty Payable in This Bill		**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

me of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

tem No:	136

tem ame: Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m - Ground Floor

CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Ground Floor	1	3.00			2.55		7.65	
RS1	2.00	4.70				2.55	23.97	
RS2	31.00	2.90				2.55	229.25	
RS3	2.00	2.80				2.55	14.28	
RS5	1.00	2.40				2.55	6.12	
						Total Qty Work Done	**281.27**	**Sqm**
						Last Bill Qty	**7.65**	**Sqm**
						Qty Reserved	**26.71**	
						Qty Limited Payable in this bill	**254.55**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

me of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

em No:	**137**
em ame:	Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m Specification No. KBS 7.10 / 7.12 First Floor

CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
First Floor								
RS2	47	2.90				3.15	429.35	
RS3	3	2.80				3.15	26.46	
RS4	1	2.50				3.15	7.88	
RS5	1	2.40				3.15	7.56	
						Total Qty Work Done	**455.81**	**Sqm**
						Qty Payable in this bill	**455.81**	**Sqm**

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Second and Part Bill

Item No:	164
Item Name:	Supplying following size heavy guage PVC conduit pipe and following thick confirming to IS 2509 with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary a) 19mm dia 2mm thick

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
19mm Dia	1	10.00					10.00	
						Total Qty Work Done	10.00	Sqm
						Last Bill Qty	2000.00	Sqm
						Qty Reserved	10.00	
						Qty Limited Payable in this bill	0.00	Sqm

Contractor Representative

Consultant Representative

CIVIL CONSULTANTS Bangalore ENGINEERS

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

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